



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

of 2

Complete if Known

Application Number	10/753,882
Filing Date	January 9, 2004
First Named Inventor	Alon SHALEV
Group Art Unit	3762
Examiner Name	
Attorney Docket Number	SHALEV=2A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SG	AA	US-4,152,928	05-08-1979	Roberts	
	AB	US-4,319,580	03-18-1982	Colley et al	
	AC	US-4,886,493	12-12-1989	Yee	
	AD	US-5,031,618	07-16-1991	Mullett	
	AE	US-5,855,907	01-05-1999	Peyman	
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	AG	US-6,405,079 B1	06-11-2002	Ansarinia	
	AH	US-6,432,988	08-13-2002	Levin	
	AI	US-6,491,940, B1	12-10-2002	Levin	
	AJ	US-6,528,318 B1	02-25-2003	Ansarinia	
	AK	US-2003/0133877 A1	07-17-2003	Levin	
✓	AL	US-2001/0004644 A1	06-21-2001	Levin	

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Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
SG	AM	WO 00/44432	08-03-2000	Levin		
SG	AN	WO 01/43733	06-21-2001	Levin		
SG	AO	WO 99/03473	01-28-1999	Levin		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
SG	AP	BOLAY et al., "Intrinsic brain activity triggers trigeminal meningeal afferents in a migraine model," Nature Medicine 8:136-142 (February 2002)	
SG	AQ	BRANSTON, "The physiology of the cerebrovascular parasympathetic innervation", British Journal of Neurosurgery 9:319-329(1995)	

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2

of 3

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56	AR	Branston et al., "Contribution of cerebrovascular parasympathetic and sensory innervation to the short-term control of blood flow in rat cerebral cortex," <u>J Cereb Blood Flow Metab</u> 15(3):525-31 (1995)	
	AS	DELEPINE et al, "Plasma protein extravasation induced in the rat dura mater by stimulation of the parasympathetic sphenopalatine ganglion", <u>Exp Neurol</u> 147(2):389-400 (1997)	
	AT	FUSCO et al, "Capsaicin-sensitive sensory neurons in cluster headache: pathophysiological aspects and therapeutic indication", <u>Headache</u> 34(3):132-137 (1994)	
	AU	HARA et al, "Parasympathetic cerebrovascular innervation: an anterograde tracing from the sphenopalatine ganglion in the rat", <u>Neurosurgery</u> 32(5):822-827 (1993)	
	AV	KROLL et al, "Outwitting the blood-brain barrier for therapeutic purposes: osmotic opening and other means", <u>Neurosurgery</u> 42(5):1083-1099 (1998)	
	AW	LAMBERT et al, "Decreased carotid arterial resistance in cats in response to trigeminal stimulation", <u>J Neurosurg</u> 61(2):307-315 (1984)	
	AX	MASINI et al., "Stimulation and resection of vidian nerve in patients with chronic hypertrophic non-allergic rhinitis: effect on histamine content in nasal mucosa," <u>Agents and Actions</u> 18:251-3 (1986)	
	AY	LEE et al, "Drug transporters in the central nervous system: brain barriers and brain parenchyma considerations", <u>Pharmacol Rev</u> 53(4):569-596 (2001)	
	AZ	MAJOR et al, "Odorants presented to the rat nasal cavity increase cortical blood flow", <u>Chem Senses</u> 24(6):665-669 (1999)	
	BA	RUCCI et al., "Effects of vidian nerve stimulation on the nasal and maxillary sinus mucosa," <u>The Journal of Laryngology and Otology</u> 98:597-607 (1984)	
	BB	RUCCI et al., "Histamine release from nasal mucosal mast cells in patients with chronic hypertrophic non-allergic rhinitis, after parasympathetic nerve stimulation," <u>Agents Actions</u> 25:314-20 (1988)	
	BC	RUCCI et al., "Tympanometric variations induced by vidian nerve stimulation in humans," <u>The Journal of Laryngology and Otology</u> 99:355-358 (1985)	
	BD	Rucci L et al., "Vidian nerve resection in chronic hypertrophic non allergic rhinitis: effects on histamine content, number and rate of degranulation processes of mast cells in nasal mucosa," <u>Rhinology</u> 23:309-314 (1985)	
	BE	RUSKELL GL, "The orbital branches of the pterygopalatine ganglion and their relationship with internal carotid nerve branches in primates," <u>J Anat</u> 106(2):323-339 (1970)	
	BF	SAMAD et al, "Interleukin-1 β -mediated induction of Cox-2 in the CNS contributes to inflammatory pain hypersensitivity", <u>Nature</u> 410(6827):471-475 (2001)	
	BG	SANDERS et al, "Efficacy of sphenopalatine ganglion blockade in 66 patients suffering from cluster headache: a 12- to 70-month follow-up evaluation", <u>Neurosurg</u> 87(6):876-880 (1997)	
	BH	SEYLAZ et al., "Effect of stimulation of the sphenopalatine ganglion on cortical blood flow in the rat," <u>J Cereb Blood Flow Metab</u> 8:875-8 (1988)	
	BI	SILVER WL, "Neural and pharmacological basis for nasal irritation", <u>Ann N Y Acad Sci</u> 641:152-163 (1992)	
	BJ	SUZUKI et al, "Selective electrical stimulation of postganglionic cerebrovascular parasympathetic nerve fibers originating from the sphenopalatine ganglion enhances cortical blood flow in the rat", <u>J Cereb Blood Flow Metab</u> 10(3):383-391 (1990)	
	BK	SUZUKI et al, "Effect on cortical blood flow of electrical stimulation of trigeminal cerebrovascular nerve fibres in the rat", <u>Acta Physiol Scand</u> 138(3):307-316 (1990)	

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Date
Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/753,882
		Filing Date	January 9, 2004
		First Named Inventor	Alon SHALEV
		Group Art Unit	3762
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	SHALEV=2A

56	BL	SUZUKI et al., in "Origins and pathways of cerebrovascular vasoactive intestinal polypeptide-positive nerves in rat," J Cereb Blood Flow Metab 8:697-712 (1988)	
1	BM	van de WATERBEEEMD et al, "Estimation of blood-brain barrier crossing of drugs using molecular size and shape, and H-bonding descriptors", J Drug Target 6(2):151-165 (1998)	
	BN	TODA et al., "Cerebral vasodilation induced by stimulation of the pterygopalatine ganglion and greater petrosal nerve in anesthetized monkeys," Neuroscience 96(2):393-398 (2000)	
	BO	TODA et al., "Preganglionic and postganglionic neurons responsible for cerebral vasodilation mediated by nitric oxide in anesthetized dogs," J Cereb Blood Flow Metab 20:700-708 (2000)	
✓	BP	YOUNG, "Electrical stimulation of the trigeminal nerve root for the treatment of chronic facial pain," J Neurosurg 83:72-78 (1995)	

Examiner Signature	56	Date Considered	12/8/05
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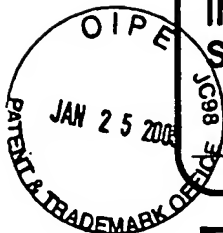
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Sheet 1 of 1

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Application Number	10/753,882
Filing Date	January 9, 2004
First Named Inventor	Alon SHALEV et al
Group Art Unit	3762
Confirmation Number	6142
Attorney Docket Number	SHALEV=2A

**U.S. PATENT DOCUMENTS**

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SG	AR	US-6,410,046 B1	06-25-2002	LERNER	
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	AW	US-2002/0123678 A1	09-05-2002	LERNER et al.	
✓	AX	US-2003/0191426 A1	10-09-2003	LERNER et al.	
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SG	AY	WO 97/18855 A1	05-29-1997	LERNER et al.		

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